

CLAIMS

1. Structural protein of Fish Pancreatic Disease virus characterised in that the protein is a capsid protein, an E1 protein, an E2 protein, an E3 protein or a 6K protein.
2. Structural protein according to claim 1 characterised in that said protein comprises
5 an amino acid sequence selected from the amino acid sequences depicted in SEQ ID NO 3 to 8 and 15..
3. Nucleotide sequence encoding one or more of the structural proteins of Fish Pancreas Disease Virus according to claims 1 or 2:
4. Nucleotide sequence according to claim 3, characterised in that the nucleotide
10 sequence comprises the sequence depicted in SEQ ID NO 1 and/or SEQ ID NO 14, and/or fragments of those sequences.
5. Pharmaceutical composition comprising a protein or nucleotide sequence according to any of the claims 1 to 5.
6. Use of a protein according to claims 1 or 2 or a nucleotide sequence according to
15 claims 3 or 4 as a medicament.
7. A DNA vaccine comprising a pharmaceutical acceptable carrier and a DNA plasmid in which a nucleotide sequence according to claim 3 or 4 5 is operably linked to a transcriptional regulatory sequence.
8. A vector vaccine comprising a live attenuated bacteria or virus which have been
20 modified to comprise in their genetic material one or more of the nucleotide sequences according to claim 3 or 4.
9. A vaccine comprising one or more of the structural PD proteins according to claims 1 or 2 and a pharmaceutical acceptable carrier.
10. A diagnostic kit comprising one or more proteins according to claim 1 or 2, or one
25 or more nucleotide sequences or fragments thereof according to claim 3 or 5.